

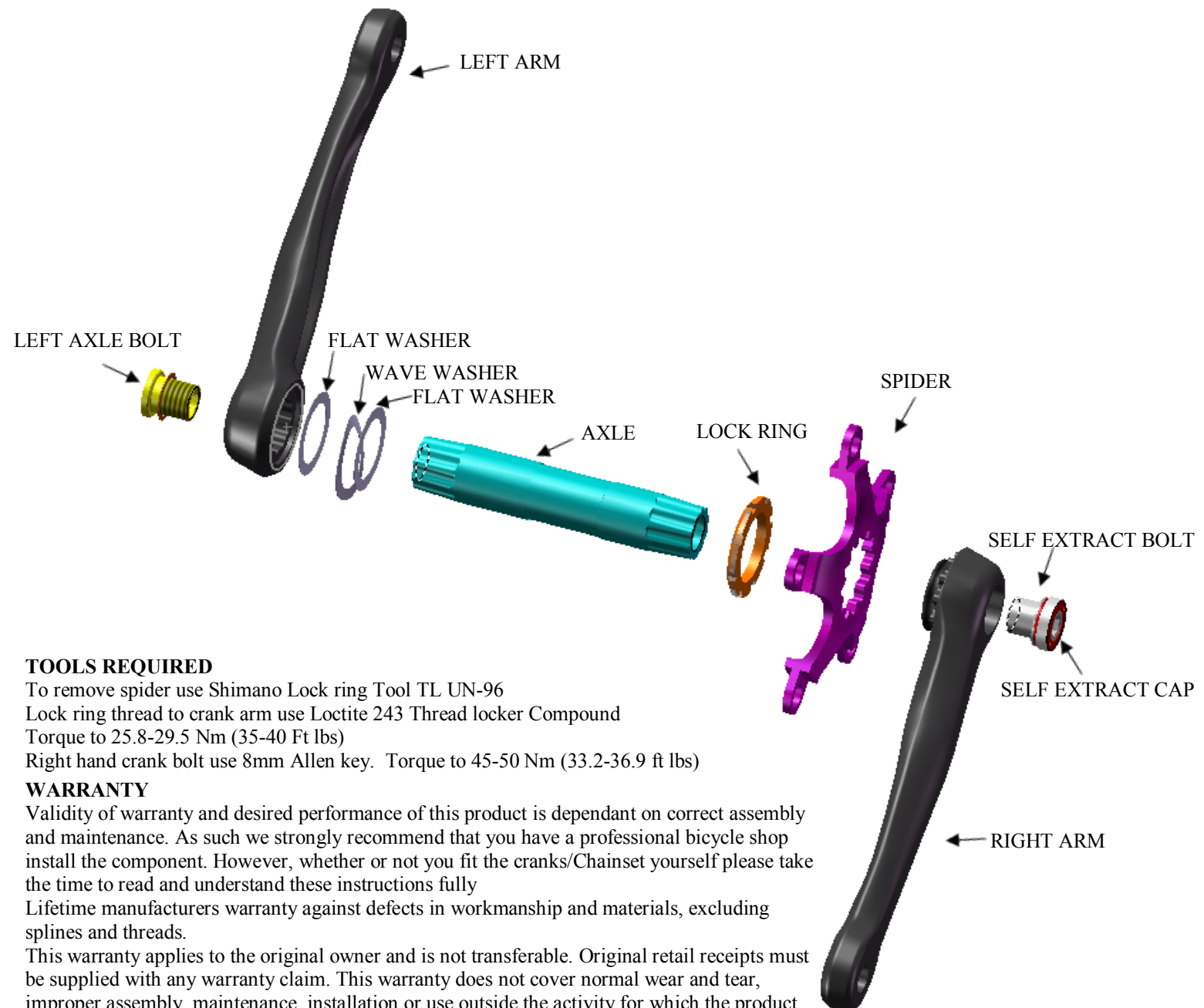
# MIDDLEBURN

## FITTING INSTRUCTIONS FOR RO2 X-TYPE ROAD CRANK

- 1: The **RO2 X-TYPE** is designed to work with our bottom bracket or one with a 24mm ID (Shimano or equivalent)
- 2: The Left crank arm and bottom bracket spindle are assembled in our factory as one unit and is designed not to be disassembled.
- 3: Fit one flat washer, one wavy washer, one flat washer to the Left crank assembly.
- 4: The crank arm is now ready to fit, push through bottom bracket from left side of the bike.
- 5: The right hand crank fitted with spider, locate on axle splines and tighten 8mm Allen key bolt to 45-50 Nm (33.2-36.9 ft lbs)
- 6: Your cranks are now fitted and ready to ride
- 7: Removal of the cranks. Undo the 8mm crank bolt on the right hand crank arm (this is a self extract bolt) and the crank will pull off. To refit the cranks start at point 3.

### EXPLODED VIEW OF RO2 X-TYPE

Left arm, axle bolt and axle will come bonded.



### TOOLS REQUIRED

- To remove spider use Shimano Lock ring Tool TL UN-96
- Lock ring thread to crank arm use Loctite 243 Thread locker Compound
- Torque to 25.8-29.5 Nm (35-40 Ft lbs)
- Right hand crank bolt use 8mm Allen key. Torque to 45-50 Nm (33.2-36.9 ft lbs)

### WARRANTY

Validity of warranty and desired performance of this product is dependant on correct assembly and maintenance. As such we strongly recommend that you have a professional bicycle shop install the component. However, whether or not you fit the cranks/Chainset yourself please take the time to read and understand these instructions fully

Lifetime manufacturers warranty against defects in workmanship and materials, excluding splines and threads.

This warranty applies to the original owner and is not transferable. Original retail receipts must be supplied with any warranty claim. This warranty does not cover normal wear and tear, improper assembly, maintenance, installation or use outside the activity for which the product was intended. This warranty does not affect your statutory rights; if unsure please contact a Middleburn dealer for advice. Middleburn does not accept any responsibility for damage or injury caused by failure to adhere to these instructions